Fig. 1

Fig. 2

APPLICATION SYSTEM

30

↑ FOLDER
2

HOST COMPUTER

FOLDER CREATING FUNCTION — 20

24	FORMAT CONVERSION AND FOLDER OUTPUT FUNCTION
23	FOLDER-DATA GENERATING FUNCTION
22	FUNCTION FOR EXTRACTING REPORT CONFORMING TO CLOSING DATE
21	FOLDER CREATION DATA RECOGNITION FUNCTION

DEFINITION DATA ACCEPTING AND SETTING FUNCTION — 5

REPORT SAVING AND MANAGEMENT FUNCTION — 10

REPORT-GROUP MANAGEMENT FUNCTION — 12

14 — UNDELIVERED-REPORT REQUESTING FUNCTION

13 — REPORT REVISING FUNCTION

11 — REPORT ACCEPTING FUNCTION

DEFINITION DATABASE — 33

FOLDER DATABASE — 32
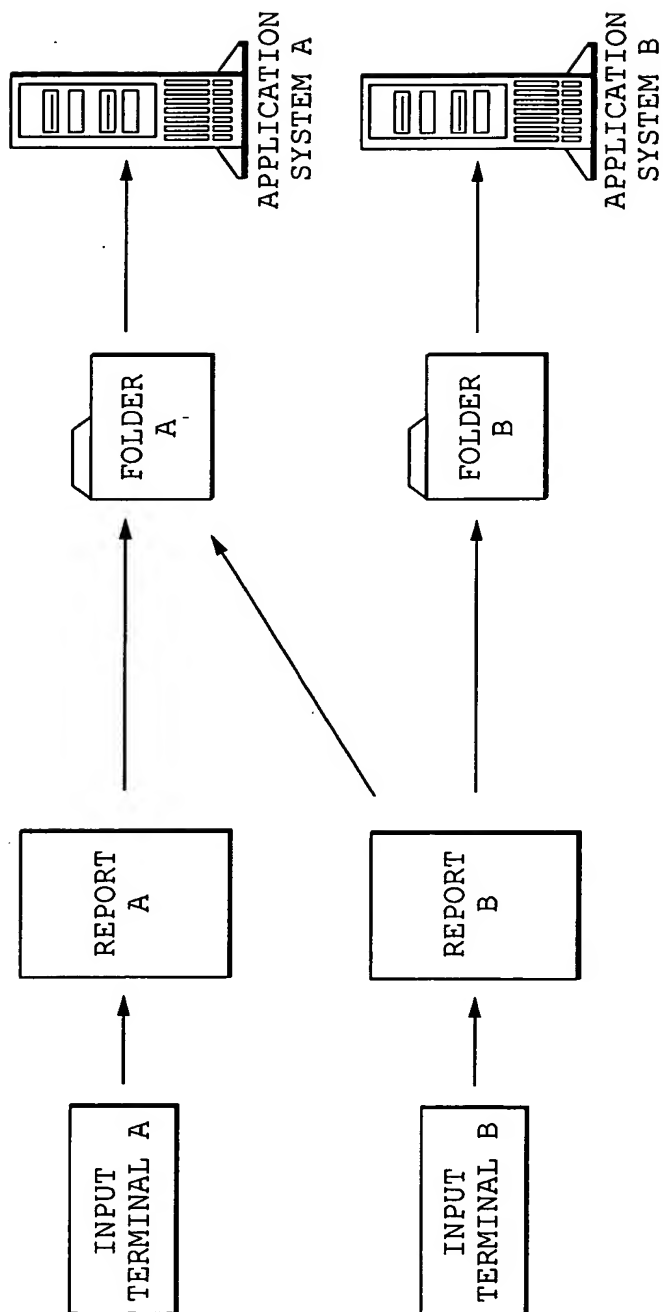
REPORT DATABASE — 31
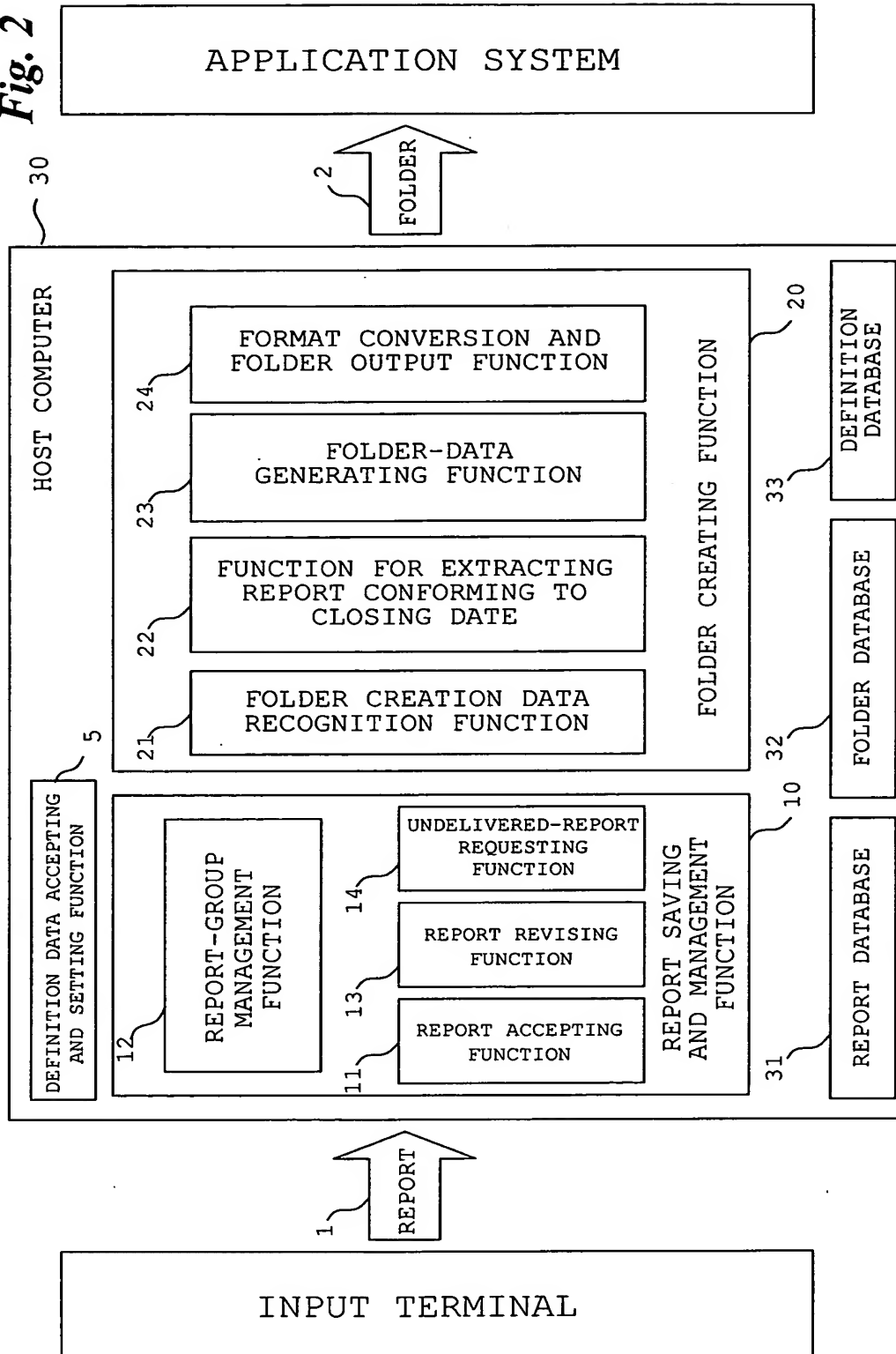
↑ REPORT
1

INPUT TERMINAL

Fig. 3a

REPORT DEFINITION

- DEFINITION OF IDENTIFICATION OF REPORT TYPE
- DEFINITION OF DATA ITEM
- DEFINITION OF REPORT DATE SETTING
- DEFINITION OF REPORT ISSUER AND PERSON IN CHARGE
- DEFINITION OF REPORT ISSUANCE CYCLE

33a

Fig. 3b

FOLDER DEFINITION

- DEFINITION OF IDENTIFICATION OF FOLDER TYPE
- DEFINITION OF DATA ITEM
- DEFINITION OF CYCLE
- DEFINITION OF CLOSING DATE

33b

Fig. 4a

UNDELIVERED-REPORT
REQUEST DEFINITION

·REQUEST TIMING
 DEFINITION
·REQUEST-DELIVERY
 DESTINATION DEFINITION   ~33c

Fig. 4b

DEFINITION OF HOW TO
GENERATE FOLDER DATA

·DEFINITION OF TYPE OF
 REPORT TO BE EXTRACTED
·DEFINITION OF HOW TO
 GENERATE DATA OF FOLDER
 DATA ITEM, IN
 CONFORMITY WITH THIS   ~33d
 DATA ITEM, BASED UPON
 REPORT
 (1) USE DATA ITEM OF
     REPORT
 (2) USE DATA OBTAINED BY
     APPLYING
     PRESCRIBED
     PROCESSING TO DATA
     OF REPORT DATA ITEM
 (3) USE THE NUMBER OF
     REPORTS EXTRACTED

Fig. 4c

DEFINITION FOR
DELIVERING FOLDER TO
APPLICATION SYSTEM

·DEFINITION OF FOLDER   ~33e
 FORMAT
·DEFINITION OF CREATION
 LOCATION
·DEFINITION OF CREATION
 DATE
·DEFINITION OF DELIVERY
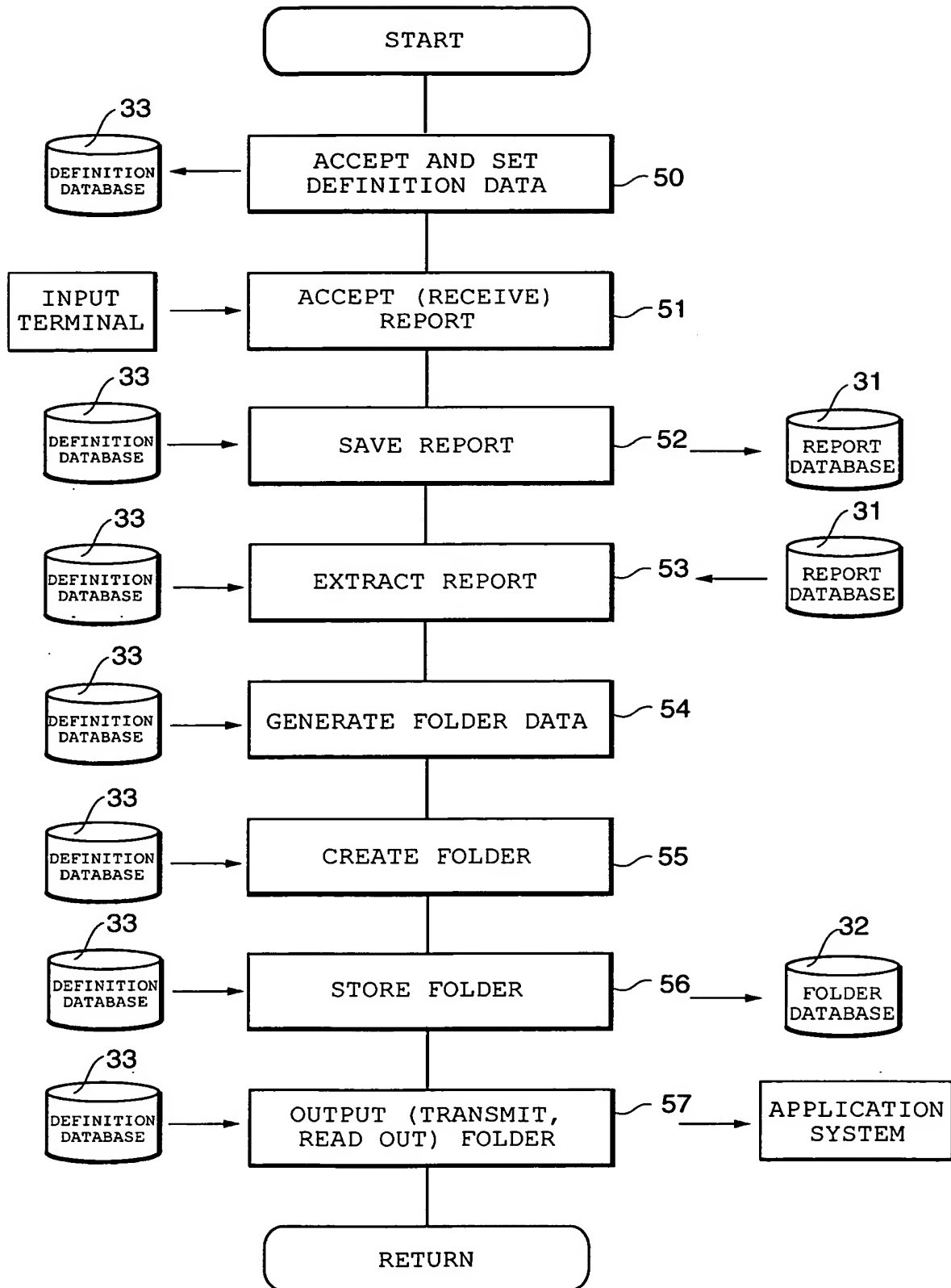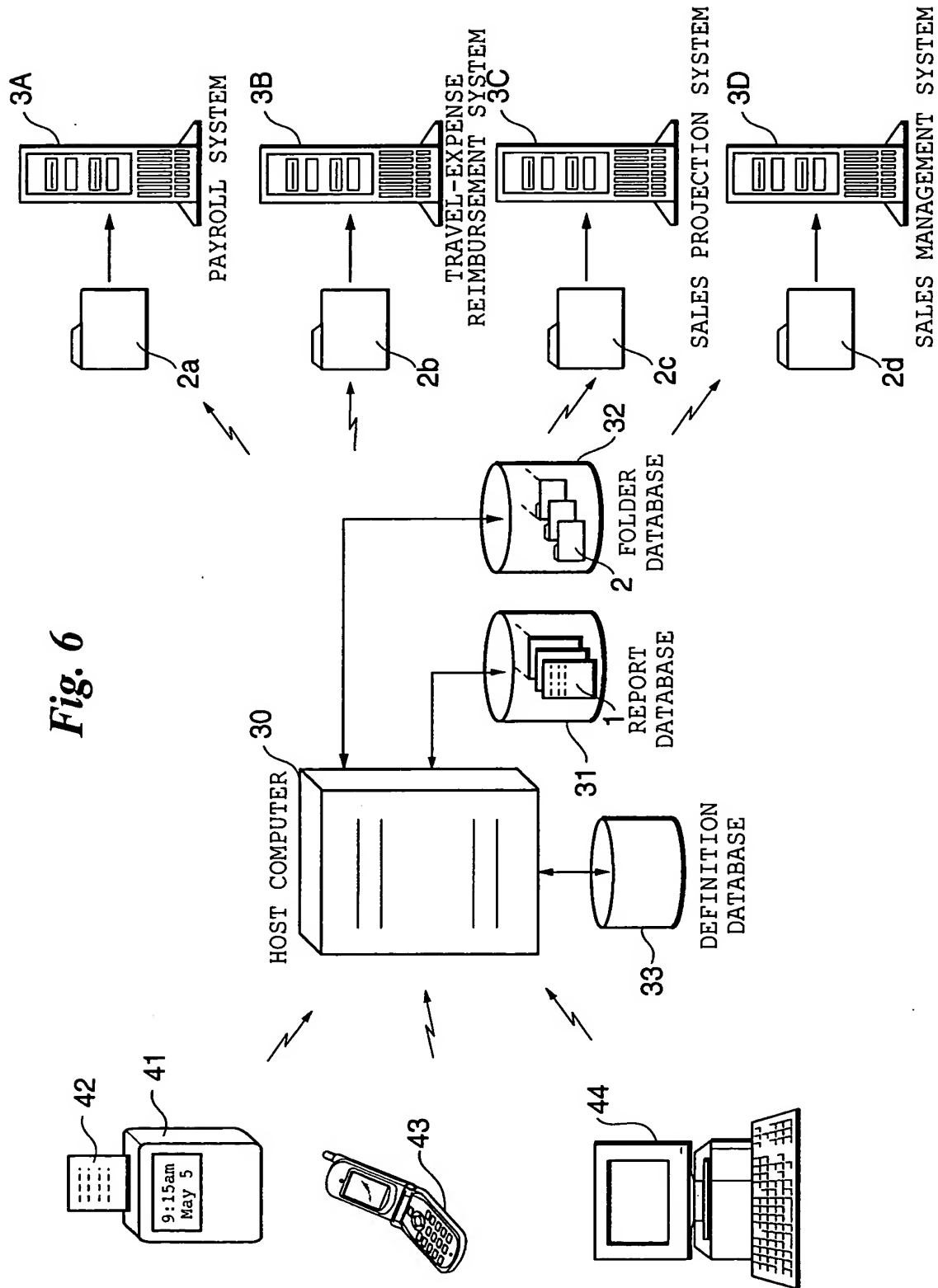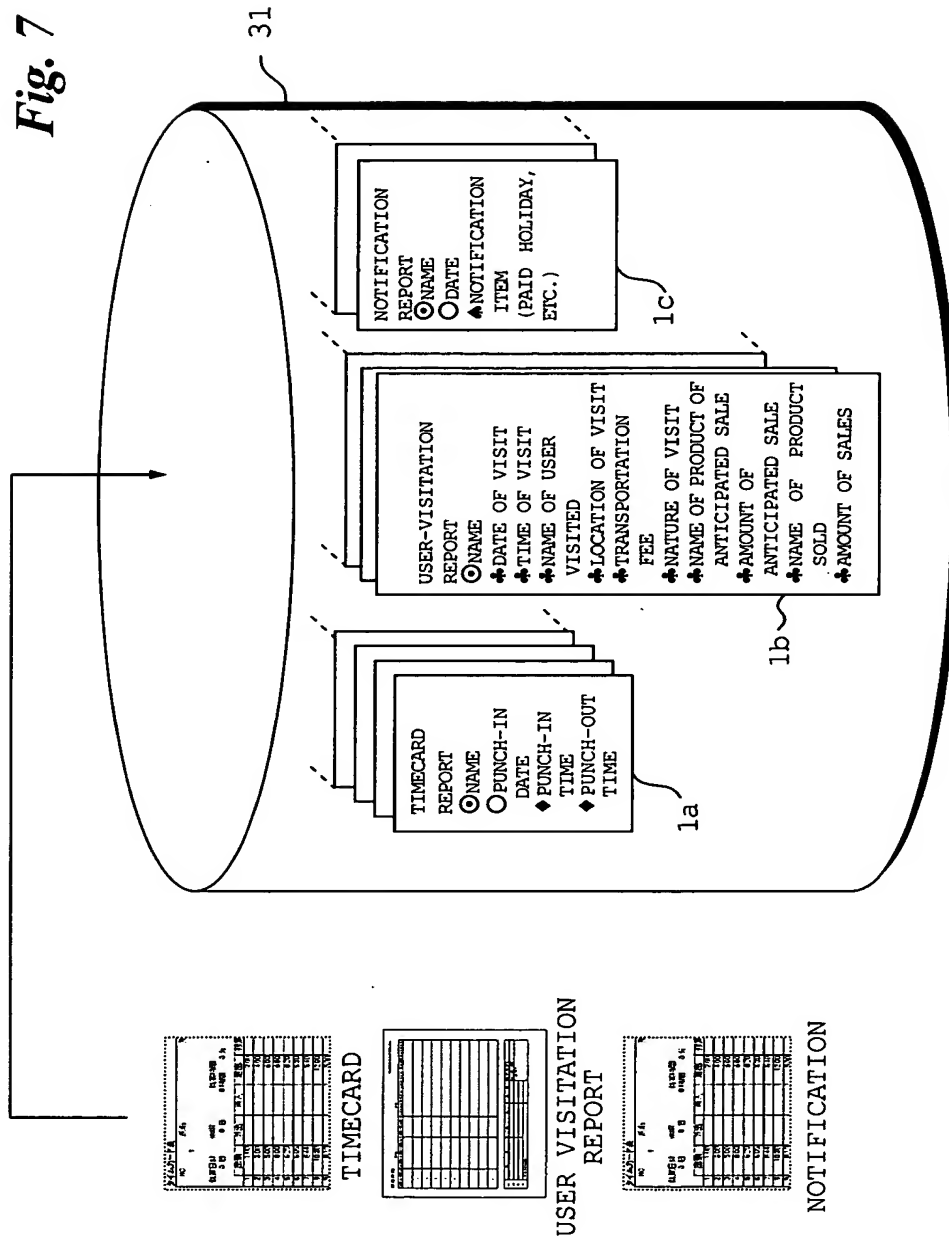 DATE

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Fig. 5

```
                            ┌──────────────────┐
                            │      START       │
                            └──────────────────┘
                                     │
   ┌────────────┐          ┌──────────────────┐
   │ 33         │          │   ACCEPT AND SET  │
   │ DEFINITION │◄─────────│  DEFINITION DATA  │── 50
   │ DATABASE   │          └──────────────────┘
   └────────────┘                   │
   ┌────────────┐          ┌──────────────────┐
   │   INPUT    │─────────►│ ACCEPT (RECEIVE)  │── 51
   │  TERMINAL  │          │      REPORT       │
   └────────────┘          └──────────────────┘
                                     │
   ┌────────────┐          ┌──────────────────┐          ┌────────────┐
   │ 33         │          │                  │          │ 31         │
   │ DEFINITION │─────────►│   SAVE REPORT    │── 52 ────►│   REPORT   │
   │ DATABASE   │          └──────────────────┘          │  DATABASE  │
   └────────────┘                   │                    └────────────┘
   ┌────────────┐          ┌──────────────────┐          ┌────────────┐
   │ 33         │          │                  │          │ 31         │
   │ DEFINITION │─────────►│  EXTRACT REPORT  │── 53 ◄────│   REPORT   │
   │ DATABASE   │          └──────────────────┘          │  DATABASE  │
   └────────────┘                   │                    └────────────┘
   ┌────────────┐          ┌──────────────────┐
   │ 33         │          │                  │
   │ DEFINITION │─────────►│ GENERATE FOLDER  │── 54
   │ DATABASE   │          │       DATA       │
   └────────────┘          └──────────────────┘
                                     │
   ┌────────────┐          ┌──────────────────┐
   │ 33         │          │                  │
   │ DEFINITION │─────────►│  CREATE FOLDER   │── 55
   │ DATABASE   │          └──────────────────┘
   └────────────┘                   │
   ┌────────────┐          ┌──────────────────┐          ┌────────────┐
   │ 33         │          │                  │          │ 32         │
   │ DEFINITION │─────────►│   STORE FOLDER   │── 56 ────►│   FOLDER   │
   │ DATABASE   │          └──────────────────┘          │  DATABASE  │
   └────────────┘                   │                    └────────────┘
   ┌────────────┐          ┌──────────────────┐          ┌────────────┐
   │ 33         │          │ OUTPUT (TRANSMIT,│          │APPLICATION │
   │ DEFINITION │─────────►│ READ OUT) FOLDER │── 57 ────►│   SYSTEM   │
   │ DATABASE   │          └──────────────────┘          └────────────┘
   └────────────┘                   │
                            ┌──────────────────┐
                            │      RETURN       │
                            └──────────────────┘
```

Fig. 6

PAYROLL SYSTEM 3A

TRAVEL-EXPENSE REIMBURSEMENT SYSTEM 3B

SALES PROJECTION SYSTEM 3C

SALES MANAGEMENT SYSTEM 3D

2a

2b

2c

2d

32 FOLDER DATABASE

2

1 REPORT DATABASE

31

HOST COMPUTER 30

33 DEFINITION DATABASE

42

41

9:15am May 5

43

44

Fig. 7

NOTIFICATION
REPORT
◉NAME
○DATE
▲NOTIFICATION
ITEM
(PAID HOLIDAY,
ETC.)

1c

USER-VISITATION
REPORT
◉NAME
♣DATE OF VISIT
♣TIME OF VISIT
♣NAME OF USER
VISITED
♣LOCATION OF VISIT
♣TRANSPORTATION
FEE
♣NATURE OF VISIT
♣NAME OF PRODUCT OF
ANTICIPATED SALE
♣AMOUNT OF
ANTICIPATED SALE
♣NAME OF PRODUCT
SOLD
♣AMOUNT OF SALES

1b

TIMECARD
REPORT
◉NAME
○PUNCH-IN
DATE
◆PUNCH-IN
TIME
◆PUNCH-OUT
TIME

1a

31

TIMECARD

USER VISITATION
REPORT

NOTIFICATION

Fig. 8

EXTRACT EACH REPORT OF
THE MONTH: 21ST OF
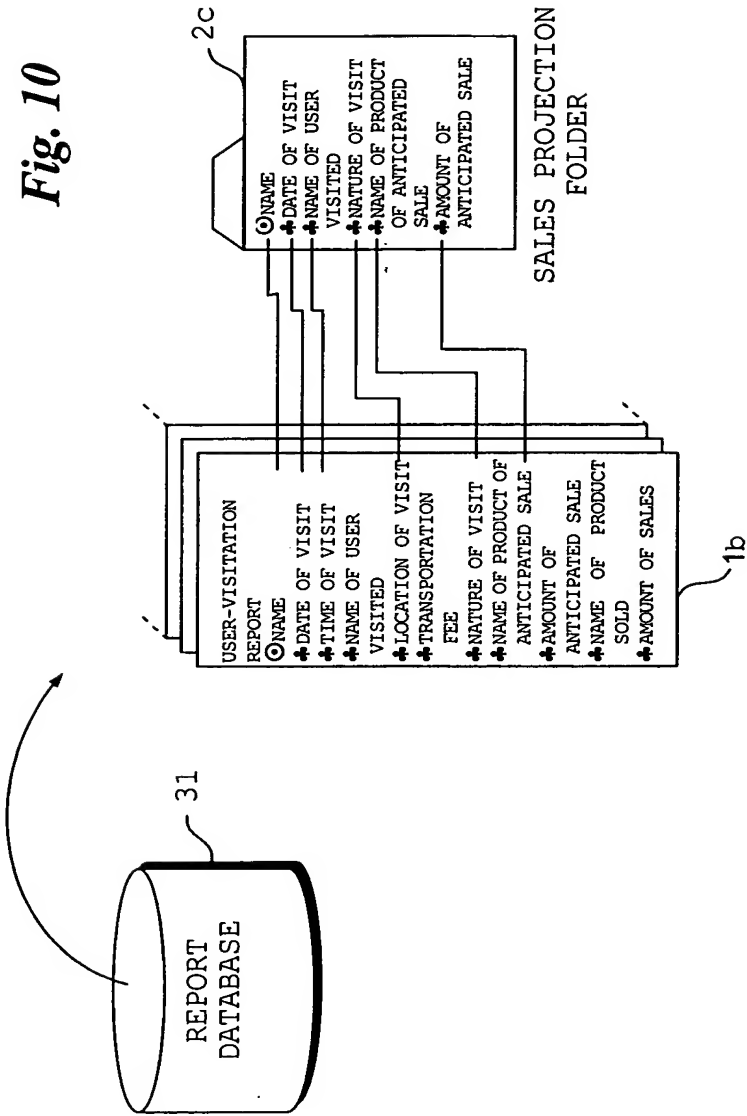PREVIOUS MONTH TO 20TH
OF PRESENT MONTH BY
THE NAME <u>xxx</u>

REPORT
DATABASE ⟋31

TIMECARD
REPORT
⊙NAME
○PUNCH-IN
   DATE
◆PUNCH-IN
   TIME
◆PUNCH-OUT
   TIME
⌐1a

2a

⊙NAME
○APPLICABLE MONTH
◆OVERTIME
(= PUNCH-IN TIME −
   PUNCH-OUT TIME −
   STANDARD WORKING TIME)
♣NUMBER OF VISITS
♣NOTIICATION ITEM

SALARY FOLDER

USER-VISITATION
REPORT
⊙NAME
♣DATE OF VISIT
♣TIME OF VISIT
♣NAME OF USER
   VISITED
♣LOCATION OF
   VISIT
♣TRANSPORTATION
   FEE
♣NATURE OF VISIT
♣NAME OF PRODUCT
   OF ANTICIPATED
   SALE
♣AMOUNT OF
   ANTICIPATED SALE
♣NAME OF PRODUCT
   SOLD
♣AMOUNT OF SALES
⌐1b

NOTIFICATION
REPORT
⊙NAME
○DATE
♠NOTIFICATION
   ITEM
(PAID HOLIDAY,
ETC.)
⌐1c

10/555381

Fig. 9

EXTRACT USER-VISITATION
REPORT OF THE WEEK:
SATURDAY OF WEEK BEFORE
LAST TO FRIDAY OF LAST
WEEK BY THE NAME __xxx__

REPORT DATABASE

31

USER-VISITATION
REPORT
⊙NAME
♣DATE OF VISIT
♣TIME OF VISIT
♣NAME OF USER
VISITED
♣LOCATION OF VISIT
♣TRANSPORTATION
FEE
♣NATURE OF VISIT
♣NAME OF PRODUCT OF
ANTICIPATED SALE
♣AMOUNT OF
ANTICIPATED SALE
♣NAME OF PRODUCT
SOLD
♣AMOUNT OF SALES

1b

⊙NAME
♣DATE OF VISIT
♣NAME OF USER
VISITED
♣LOCATION OF
VISIT
♣TRANSPORTATION
FEE

2b

TRAVEL-EXPENSE
REIMBURSEMENT
FOLDER

Fig. 10
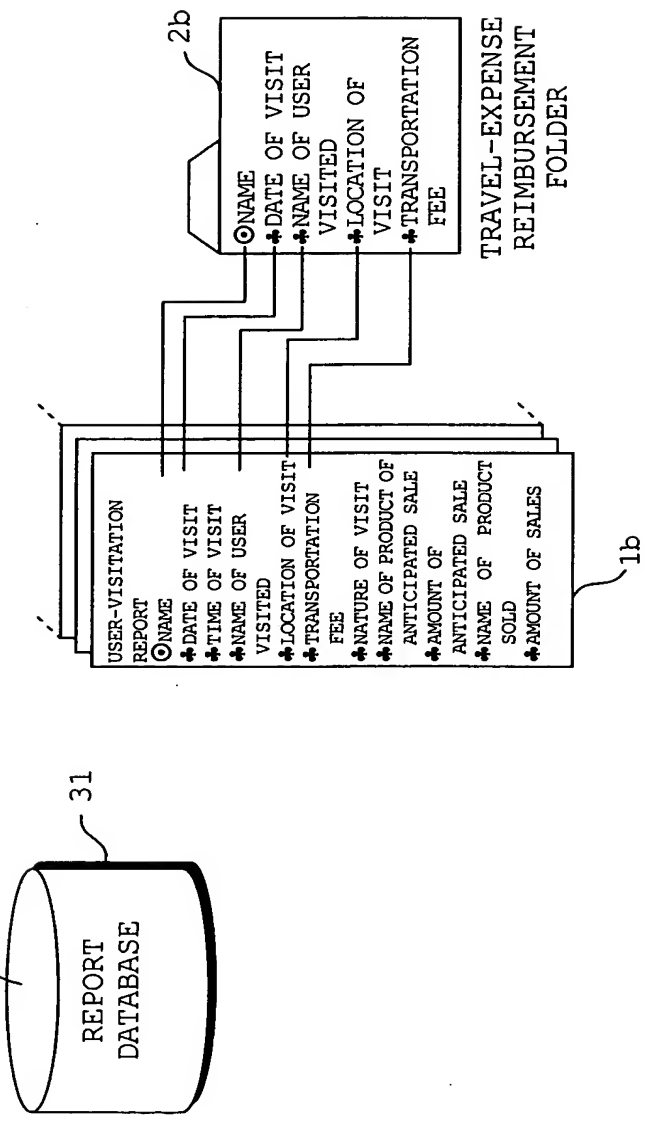
EXTRACT USER-VISITATION
REPORT OF TWO WEEKS:
SATURADY THREE WEEKS
EARLIER TO FRIDAY OF LAST
WEEK BY THE NAME xxx

REPORT DATABASE

31

USER-VISITATION REPORT
⊙NAME
♣DATE OF VISIT
♣TIME OF VISIT
♣NAME OF USER VISITED
♣LOCATION OF VISIT
♣TRANSPORTATION FEE
♣NATURE OF VISIT
♣NAME OF PRODUCT OF ANTICIPATED SALE
♣AMOUNT OF ANTICIPATED SALE
♣NAME OF PRODUCT SOLD
♣AMOUNT OF SALES

1b

2c

⊙NAME
♣DATE OF VISIT
♣NAME OF USER VISITED
♣NATURE OF VISIT
♣NAME OF PRODUCT OF ANTICIPATED SALE
♣AMOUNT OF ANTICIPATED SALE

SALES PROJECTION FOLDER

Fig. 11

EXTRACT USER-VISITATION
REPORT OF THE MONTH: 25TH
DAY OF PREVIOUS MONTH TO
24TH DAY OF PRESENT MONTH
BY THE NAME ___xxx___

REPORT
DATABASE

31

1b

USER-VISITATION
REPORT
⊙NAME
♣DATE OF VISIT
♣TIME OF VISIT
♣NAME OF USER
  VISITED
♣LOCATION OF VISIT
♣TRANSPORTAION FEE
♣NATURE OF VISIT
♣NAME OF PRODUCT OF
  ANTICIPATED SALE
♣AMOUNT OF
  ANTICIPATED SALE
♣NAME OF PRODUCT
  SOLD
♣AMOUNT OF SALES

2d

⊙NAME
♣DATE OF VISIT
♣NAME OF USER
  VISITED
♣NAME OF
  PRODUCT SOLD
♣AMOUNT OF
  SALES

SALES MANAGEMENT
FOLDER

Fig. 12

	JANUARY								FEBRUARY		
	6TH (MONDAY)	...	10TH (FRIDAY)	...	17TH (FRIDAY)	...	20TH (MONDAY)	...	24TH (FRIDAY)	...	31ST (FRIDAY)	...	7TH (FRIDAY)	...	14TH (FRIDAY)	...	20TH

SALARY FOLDER

TRAVEL-EXPENSE REIMBURSEMENT FOLDER

SALES PROJECTION FOLDER

SALES MANAGEMENT FOLDER